



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB. : H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.

Tel. : (02362) 223519 • email : info@gadark.in

OFF. : 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.

Tel. : (022) 25777069 / 70 • Fax : (022) 25774545

TEST CERTIFICATE

Doc.No : GLPL/QF/5.10/01

Test Certificate No.	GA/17/05/304	T. C. Date	27/05/2017
Customer Name and Address	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K-1, MIDC INDUSTRIAL AREA, TALOJA, A.V. 410 208, DIST. - RAIGAD		
Letter Ref / Date .	---		
Sampling Done By	GLPL	Page No.	1 of 1
Sample Received on	25/05/2017	Analysis Period	26/05/2017 To 27/02/2017

SAMPLING DETAILS - STACK EMISSION

Stack No.	14	15
Stack Attached to	ANP Prilling Tower	LDAN Prilling Tower
Stack Dimension [mm]	1650	1500
Date of Sample collection	24/05/2017	24/05/2017
Time of Sampling [Hrs]	12:40	13:10
Temperature of flue gas [°C]	46	57
Average flue gas velocity [m/s]	20.1	16.1
Average volume of flue gas discharged [m ³ /hr]	154857	102343
Weight of Particulate matter collected [mg]	24.5	22.3
Volume of flue gas sampled [Lit. at 25°C]	717	862

ANALYSIS REPORT :

Parameters	Unit	Stack 14	Stack 15	M.P.C.B. LIMITS	Methods
TPM	mg/Nm ³	34.2	25.9	150.0	Laboratory Analytical Techniques / 80 / 2013-14 / CPCB
	Kg/day	118.74	57.45		
NOx	ppm v/v	13.8	12.8	50.0	
	Kg/day	89.90	53.47		
Total Fluoride as F	mg/Nm ³	< 0.1	< 0.1	Not Specified	
Ammonia	ppm v/v	25.4	35.0	50.0	IS 11255 (Part 6) 2003
HCl	mg/Nm ³	< 0.1	< 0.1	Not Specified	By Morris B. Jacob
Hydrocarbon	ppm	< 0.1	< 0.1	Not Specified	IS 5182 (Part 17) 1975

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

CHECKED BY

Note :

1. The results relate only to the samples tested
2. Test certificate shall not be reproduced except in full, without written approval of the laboratory.
3. Samples will be preserved for a period 15 days from the delivery of Test Certificate.
4. Test Results relate only to the conditions prevailing at the time of sampling



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB. : H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.

Tel. : (02362) 223519 • email : info@gadark.in

OFF. : 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.

Tel. : (022) 25777069 / 70 • Fax : (022) 25774545

TEST CERTIFICATE

Doc.No : GLPL/QF/5.10/01

Test Certificate No.	GA/17/05/305	T. C. Date	27/05/2017
Customer Name and Address	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K-1, MIDC INDUSTRIAL AREA, TALOJA, A.V. 410 208, DIST. – RAIGAD		
Letter Ref / Date .	---		
Sampling Done By	GLPL	Page No.	1 of 1
Sample Received on	25/05/2017	Analysis Period	26/05/2017 To 27/02/2017

SAMPLING DETAILS - STACK EMISSION

Stack No.	17	18
Stack Attached to	ANP Vaccum Pump	LDAN Ventury Scrubber
Stack Dimension [mm]	200	1500
Date of Sample collection	24/05/2017	24/05/2017
Time of Sampling [Hrs]	14:45	15:20
Temperature of flue gas [°C]	56	36
Average flue gas velocity [m/s]	2.3	7.3
Average volume of flue gas discharged [m ³ /hr]	260	46320
Weight of Particulate matter collected [mg]	11.2	17.2
Volume of flue gas sampled [Lit. at 25°C]	502	610

ANALYSIS REPORT :

Parameters	Unit	Stack 17	Stack 18	M.P.C.B. LIMITS	Methods
TPM	mg/Nm ³	22.3	28.2	150.0	Laboratory Analytical Techniques / 80 / 2013-14 / CPCB
	Kg/day	0.13	30.23		
NOx	ppm v/v	8.7	8.6	50.0	
	Kg/day	0.09	17.42		
Ammonia	ppm v/v	29.8	24.1	50.0	IS 11255 (Part 6) 2003

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

CHECKED BY

Note :

1. The results relate only to the samples tested
2. Test certificate shall not be reproduced except in full, without written approval of the laboratory.
3. Samples will be preserved for a period 15 days from the delivery of Test Certificate.
4. Test Results relate only to the conditions prevailing at the time of sampling



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB. : H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.

Tel. : (02362) 223519 • email : info@gadark.in

OFF. : 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.

Tel. : (022) 25777069 / 70 • Fax : (022) 25774545

TEST CERTIFICATE

Doc.No : GLPL/QF/5.10/01

Test Certificate No.	GA/17/02/236	T. C. Date	23/02/2017
Customer Name and Address	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K-1, MIDC INDUSTRIAL AREA, TALOJA, A.V. 410 208, DIST. - RAIGAD		
Letter Ref / Date .	---		
Sampling Done By	GLPL	Page No.	1 of 1
Sample Received on	16/02/2017	Analysis Period	17/02/2017 To 18/02/2017

SAMPLING DETAILS - STACK EMISSION

Stack No.	--
Stack Attached to	NPK Stack
Stack Dimension [mm]	2770
Date of Sample collection	16/02/2017
Time of Sampling [Hrs]	12:00
Temperature of flue gas [°C]	38
Average flue gas velocity [m/s]	14.3
Average volume of flue gas discharged [m ³ /hr]	310275
Weight of Particulate matter collected [mg]	9.1
Volume of flue gas sampled [Lit. at 25°C]	777

ANALYSIS REPORT :

Parameters	Unit	Results	M.P.C.B. LIMITS	Methods
TPM	mg/Nm ³	11.7	150.0	Laboratory Analytical Techniques / 80 / 2013-14 / CPCB
	Kg/day	83.48		
NOx	ppm v/v	8.5	50.0	
	Kg/day	113.4		
Total Fluoride as F	mg/Nm ³	2.3	Not Specified	
Ammonia	ppm v/v	12.4	50.0	IS 11255 (Part 6) 2003
HCl	mg/Nm ³	< 0.1	Not Specified	By Morris B. Jacob
Hydrocarbon	ppm	0.8	Not Specified	IS 5182 (Part 17) 1975

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

CHECKED BY

Note :

1. The results relate only to the samples tested
2. Test certificate shall not be reproduced except in full, without written approval of the laboratory.
3. Samples will be preserved for a period 15 days from the delivery of Test Certificate.
4. Test Results relate only to the conditions prevailing at the time of sampling